IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants: Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang

Oiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

pplication No.:

10/797,244

Group:

1624

Filed:

March 10, 2004

Examiner:

Venkataraman Balasubramanian

Confirmation No.:

2987

For:

MODULATORS OF TNF-α SIGNALING

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

11/17/05

Signature

Typed or printed name of person signing certificate

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PATENT APPLICATION Docket No.: 2478.1002-016

REQUEST FOR CORRECTION/AMENDMENT OF INVENTORSHIP UNDER 37 C.F.R. §1.48(a) AND 37 C.F.R. §1.48(b)

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

37 C.F.R. § 1.48(b)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to delete Bradford H. Hirth and Shuang Qiao as inventors under 37 C.F.R. § 1.48(b).

The deletion of Bradford H. Hirth and Shuang Qiao as a co-inventor is the result of the amendment to the claims. The inventors' invention is no longer being claimed in the instant nonprovisional application.

A check for the processing fee as set forth in 37 C.F.R. § 1.17(i) in the amount of \$130.00 is enclosed.

11/22/2005 SDENBOB2 00000007 10797244

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130.00 OP



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Worldwide Medicines Group
P.O. Box 4000 Princeton, NJ 08543-4000

OCT 17 2005

DATE: October 17, 2005

FACSIMILE TRANSMITTAL COVER SHEET

TO:

Office of Petitions

FAX:

571-273-8300

OF PAGES:

2 (INCLUDING FAX TRANSMITTAL SHEET)

FROM:

Lisa Swidra

FAX#:

(609) 252-4526

PHONE #:

(609) 252-5905

RE:

U.S. Appln. Serial No.: 10/773,002 Filed: 2/5/04

Attorney Docket No. QA0278 NP

CERTIFICATE OF TRANSMISSION VIA FACSIMILE

I hereby certify that this Petition and Fee Deleting Correctly Named Persons Who Are Not Inventors of Invention Now Being Claimed (Under 37 C.F.R. §1.48(b) and §1.312) (1 page) is being facsimile transmitted to the Patent and Trademark Office fax number 571-273-2885 on October 17, 2005.

Lisa Swidra/Depositor

THE INFORMATION CONTAINED IN THIS FAX MESSAGE IS INTENDED ONLY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE RECIPIENT(S) NAMED ABOVE. THIS MESSAGE MAY BE AN ATTORNEY-CLIENT COMMUNICATION AND AS SUCH IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR AN AGENT RESPONSIBLE FOR DELIVERING TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECRIVED THIS DOCUMENT IN ERROR AND THAT ANY REVIEW, DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECRIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.

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SGD/SCK/ps(wlm)

November 11, 280

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang

Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

Application No.:

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112105

Signature

Typed or printed name of person signing certificate

STATEMENT UNDER 37 C.F.R. § 1.48(a)(2) by Andrew Janjigian

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, Andrew Janjigian, 33 Lawrence Street #2, Cambridge, Massachusetts 02139, hereby state that I am a co-inventor with Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann of the subject matter claimed in the above-captioned application as filed. The error of omitting my name as a co-inventor occurred without deceptive intention on my part.

Name

11/14/05 Date @PFDesktop\::ODMA/MHODMA/HBSR05;iManage;585947;1 SGD/SCK/ps(wlm) 11/11/05



PATENT APPLICATION Docket No.: 2478.1002-016

IN THE UNITED STATES PATER PARE TRADEMARK OFFICE

Applicants:

Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang

Oiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

Application No.:

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11/17/09

signature

Typed or printed name of person signing certificate

WRITTEN CONSENT OF ASSIGNEE IN CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. §1.48(a)(5)

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Genzyme Corporation is the assignee of the entire right, title and interest in the referenced patent application and does hereby consent to the addition of Andrew Janjigian as an inventor in the application.

A Statement under 37 C.F.R. § 3.73(b) is being filed concurrently with this Written Consent.

Respectfully submitted,

Thomas J. DesRosier

Senior Vice President, General Counsel

Genzyme Corporation

Cambridge, Massachusetts 02142 Date: November 14, 2005

STATEMENT UNDER 37 C.F.R. § 3.73(b)

	an	d Hans-Peter Biemann
Applic	ation No.	Patent No.: 10/797,244 Filed/Issue Date: March 10, 2004
For: _		MODULATORS OF TNF-α SIGNALING
		Genzyme Corporation , a corporation
		(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states	that it is	
Α.	[x]	the assignee of the entire right, title and interest in the patent application identified above; or
В.	[]	an assignee together with [] of the entire right, title and interest in the patent application identified above.
The rig	ght, title a	nd interest of the above-named assignee in the patent application identified above is established by virtue of:
Α.	[X]	An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in Patent and Trademark Office at Reel 012163, Frames 0001-0006, or a copy thereof is attached.
OR		
В.	[]	A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:
	I.	From:To:
		The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.
		
	2.	From:To:
		The document was recorded in the United States Patent and Trademark Office at
		Reel, Frame, or a copy thereof is attached.
	3.	From:To:
		The document was recorded in the United States Patent and Trademark Office at
	•	Reel, Frame, or a copy thereof is attached.
	[] Ad	ditional documents in the chain of title are listed on a supplemental sheet.
The un	ndersigned	(whose title is supplied below) is authorized to act on behalf of the assignee.
Signat	ure:	Transtation
Name:		Thomas J. DesRosier
Title:_		Senior Vice President, General Counsel
Date:_		November 14, 2005

PATENT APPLICATION Docket No.: 2478.1002-016

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang

Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

Application No.:

10/797,244

Group:

Filed:

11/09/05

March 10, 2004.

Examiner:

Venkataraman Balasubramanian

Confirmation No.:

2987

For:

MODULATORS OF TNF-α SIGNALING

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UNDER 37 C.F.R. §1.48(a) AND 37 C.F.R. §1.48(b)

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

37 C.F.R. § 1.48(b)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to delete Bradford H. Hirth and Shuang Qiao as inventors under 37 C.F.R. § 1.48(b).

The deletion of Bradford H. Hirth and Shuang Qiao as a co-inventor is the result of the amendment to the claims. The inventors' invention is no longer being claimed in the instant nonprovisional application.

A check for the processing fee as set forth in 37 C.F.R. § 1.17(i) in the amount of \$130.00 is enclosed.

37 C.F.R. § 1.48(a)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to add Andrew Janjigian as inventor under 37 C.F.R. § 1.48(a).

Enclosed herewith are the following documents: Statement under 37 CFR §1.48(a)(2) by Andrew Janjigian; an executed Declaration by the actual inventors as required by §1.63; Written Consent of the Assignee to the inventorship change with Statement under §3.73(b); and a check in the amount of \$130.00 in payment of the processing fee as set forth in §1.17(i).

With such amendments, Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams, Hans-Peter Biemann and Andrew Janjigian are the joint inventors of the subject application.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Steven G. Davis

Registration No.: 39,652 Telephone: (978) 341-0036 Facsimile: (978) 341-0136

Concord, MA 01742-9133 November 17-200.



DOCKET NO. 2478.1002-016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the sp	ccification of which (check one)	
()	is attached hereto.	
[X]	was filed on March 10, 2004 as United States Application Number 10/797,244.	
[]	was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. []].	
[]	and was amended on [] (if applicable).	
includ	I hereby state that I have reviewed and understand the contents of the above-identified specification, ing the claims, as amended by any amendment referred to above.	

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

, •	Prior Foreign Application(s)			Priority Not Claimed		Ceti Copy YES			
(Number)	(Country)	(Day/Month/Year filed)	. [3	1	1	ſ)	
(Number)	(Country)	(Day/Month/Year filed)	. []	Į]	[]	
(Number)	(Country)	(Day/Month/Year filed)	. []	ſ	1	ſ	1	

-2-

Full name of sole or first inventor	Scon F. Sneddon								
Inventor's Signature		5//							
Residence: City	State	Country	Citizenship						
Salem	Massachusells	USA	USA						
	Mailing Address (Business or Residential)								
Street of P.O. Box 38 Washington Square South									
City	Country								
Salem	Massachusetts	01970	USA						
Full name of second joint inventor, if any									
Inventor's Signature									
Residence: City	State	Country	Citizenship						
Maynard	Massachuseus	USA	USA						
Mailing Address (Bu	siness or Residential)								
Street or P.O. Box	10 O'Moore Avenue								
City	State	ZIP	Comury						
Mayoard	Massachusetts	01754	USA						
Full name of third									
joint inventor, if any	Fred Vinick								
Inventor's Signature									
Residence: City	State	Country	Citizenship						
Lexington	Massachusetts	USA	USA						
Mailing Address (Bus			•						
Street or P.O. Box	5 Litchfield Road								
City	State	ZIP	Country						
Lexington	Massachusens	02420	USA						
Full name of fourth joint inventor, if any	Sharon R. Nahill								
Inventor's Signature			· · · · · · · · · · · · · · · · · · ·						
Residence: City	State	Country	Citizenship						
Belmont	Massachusotts	USA	USA						
Mailing Address (Bus	niness or Residential)		701						
Street or P.O. Box	21 Vincont Avenue								
City									
City	State	ZIP	Country						
City Belmont	State Massachusetts	ZIP 02478	Country USA						

Full name of fifth			
joint inventor, if any	John M. Williams	<u> </u>	·
Inventor's Signature			
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 8 Stonegate Road		
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
		· .	
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
Residence: City	State	State Country	
Cambridge	Massachusetts	USA	USA
Mailing Address (Busi Street or P.O. Box	987 Memorial Drive, #572		·
		ZIP	Country
Street or P.O. Box	987 Memorial Drive, #572	ZIP 02138	Country USA
Street or P.O. Box City	987 Memorial Drive, #572 State		
City Cambridge Full name of seventh joint inventor, if any	987 Memorial Drive, #572 State Massachusetts		
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian	02138	USA
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature Residence: City	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian State	O2138 Country	
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature Residence: City Cambridge	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian State Massachusetts	02138	USA
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature Residence: City Cambridge Mailing Address (Busi	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian State Massachusetts	O2138 Country	USA
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature Residence: City Cambridge Mailing Address (Busi	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian State Massachusetts mess or Residential)	O2138 Country	USA
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature Residence: City Cambridge Mailing Address (Busi Street or P.O. Box	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian State Massachusetts mess or Residential) 33 Lawrence Street, #2	Country USA	Citizenship USA
City Cambridge Full name of seventh joint inventor, if any Inventor's Signature Residence: City Cambridge Mailing Address (Busi Street or P.O. Box City	987 Memorial Drive, #572 State Massachusetts Andrew Janjigian State Massachusetts mess or Residential) 33 Lawrence Street, #2 State	Country USA ZIP	Citizenship USA Country

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PE 40 B

DOCKET NO. 2478.1002-016

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Declaration for Patent Application

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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	<u>Pr</u>	Prior Foreign Application(s)		Prior Foreign Application(s) Pri					ificd Filed N	
(Number)	(Country)	(Day/Month/Year filed)]]	٦ - [,)	ĺ]		
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(Number)	(Country)	(Day/Month/Year filed)	. []	Į.	1	·	1		

Full name of sole or first inventor	Scott F. Sneddon		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Salem	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	siness or Residential) 38 Washington Square South		·
City	State	ZIP	Country
Salem	Massachusetts	01970	USA ·
Full name of second joint inventor, if any	John L. Kane		
Inventor's Signature			·
Residence: City	6 State	Country	Citizenship
Maynard	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 10 O'Moore Avenue		
City	State	ZIP	Country
Maynard	Massachusens	01754	USA
Full name of third joint inventor, if any Inventor's Signature	Fred Vinick		
joint inventor, if any	Fred Vinick State	Country	Citizenship
joint inventor, if any Inventor's Signature		Country USA	Citizenship USA
joint inventor, if any Inventor's Signature Residence: City	State Massachusetts		
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus	State Massachusetts iness or Residential)		
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box	State Massachusetts iness or Residential) 5 Litchfield Road	USA	USA
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts	USA	Country
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington Full name of fourth	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts	USA	Country
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington Full name of fourth joint inventor, if any	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts	USA	Country
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington Full name of fourth joint inventor, if any Inventor's Signature	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts Sharon R. Nahill	USA ZIP 02420	Country USA
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington Full name of fourth joint inventor, if any Inventor's Signature Residence: City	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts Sharon R. Nahill State Massachusetts	USA ZIP 02420 Country	Country USA Citizenship
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington Full name of fourth joint inventor, if any Inventor's Signature Residence: City Belmont Mailing Address (Bus	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts Sharon R. Nahill State Massachusetts iness or Residential)	USA ZIP 02420 Country	Country USA Citizenship
Joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington Full name of fourth joint inventor, if any Inventor's Signature Residence: City Belmont Mailing Address (Bus Street or P.O. Box	State Massachusetts iness or Residential) 5 Litchfield Road State Massachusetts Sharon R. Nahill State Massachusetts iness or Residential) 21 Vincent Avenue	USA ZIP 02420 Country USA	Country USA Citizenship USA

Full name of fifth joint inventor, if any	John M. Williams		
Inventor's Signature		· · · · · · · · · · · · · · · · · · ·	
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 8 Stonegate Road		
City	State	ZIP	Country
Hopkinton	Hopkinton Massachusetts		USA
			···
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature		·	
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA .
Mailing Address (Busi Street or P.O. Box	ness or Residential) 987 Memorial Drive, #572		
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
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Full name of seventh joint inventor, if any	Andrew Janjigian		
Inventor's Signature	·	·	
Residence: City	State	Country -	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busi Street or P.O. Box	ness or Residential) 33 Lawrence Street, #2		
City	State	ZIP	Country
Cambridge	Massachusetts	02139	USA
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[]	is attached hereto.
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(Number)	(Country)	(Day/Month/Year filed)	Ţ]	ſ	1.	ſ	1.

Pull name of sole or first inventor	Scou P. Sneddon							
Inventor's Signature			Girinanhin					
Residence: City	State .	Country	Citizenship					
Salem	Massachusetts	USA	USA					
Mailing Address (Bus Street of P.O. Box	38 Washington Square South							
City	Smta ZIP Cou							
Salem	Massachusette 01970 USA							
Full name of second joint inventor, if any	John L. Kane							
Inventor's Signature	S	Country	Cirizenship					
Residence: City	Sate	UBA	USA					
Maypard	Massachosetts	USA	USA					
Mailing Address (But Street or P.O. Box	10 O'Moore Avenus							
City	Stato	ZIP	Country					
Maynard	Massachusotta	01754	. USA					
Full name of third joint inventor, if any	Fred Vinick	ı						
Inventor's Signature	Falm A let							
Residence: City	State	Country	Citizenship					
Lexington	Мазанскизения	אפע	USA					
Mailing Address (Bu Street or P.O. Box	smoss or Residential) 5 Liwhfield Road	· .						
Chy	Siate	ZIP	Country					
Lexington	Massachusetts	02420	USA					
Full name of fourth Joint inventor, if any	Sharoa R. Nahill							
Inventor's Signature	George	Country	Citizenship					
Residence: City	State Massachusens	USA	USA					
Belmont .		VOA						
Mailing Address (Bu Street of P.O. Box	siness or Residential) 21 Vincent Avenue							
City	State	ZIP	Country '					
Belmont	Massachusetts	02478	USA					

Full name of fifth joint inventor, if any	John M. Williams		······································
Inventor's Signature		·	
Residence: City .	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 8 Stonegate Road		
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature		·	· · · · · · · · · · · · · · · · · · ·
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busi Street or P.O. Box	ness or Residential) 987 Memorial Drive, #572		
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
Full name of seventh joint inventor, if any	Andrew Janjigian		
Inventor's Signature		· · · · · · · · · · · · · · · · · · ·	·
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busi	ness or Residential)		
	33 Lawrence Street, #2		
		ZIP	Country

DOCKET NO. 2478 1002-016

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

<u> </u>	MODULATORS OF TNF-α SIGNALING
the ap	ccilication of which (check one)
Ŋ	is attached hereto.
[X]	was filed on March 10, 2004 as United States Application Number 10/797,244.
ij	was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. []].
	and was amended on [] (if applicable).
includ	I hereby state that I have reviewed and understand the contents of the above-identified specification, ling the claims, as amended by any amendment referred to above.
	I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. including for continuation-in-part applications, material information which became available between the detection of the prior application and the national or PCT international filing date of the continuation-in-part

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

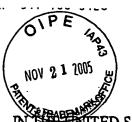
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Full name of sole			
· ·	on F. Sneddon		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Salem	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 38	s or Residential) Washington Square South		
City	State	ZIP	Country
Salem	Massachusetts	01970	USA
	•		
Full name of second joint inventor, if any Jol	nn L. Kane		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Maynard	Massachusetts	USA	USA
Mailing Address (Business Street or P.O. Box 10	or Residential) O'Moore Avenue		
City	State	ZIP	Country
Maynard	Massachusetts	01754	USA
<u> </u>			
Full name of third joint inventor, if any Fre	d Vinick		
Inventor's Signature		•	
Residence: City	State	Country	Citizenship
Lexington	Massachusetts	USA	USA
Mailing Address (Business Street or P.O. Box 5 L	or Residential) itchfield Road	·	
City	State	ZIP	Country
Lexington	Massachusens	02420	USA .
	·		
Full name of fourth joint inventor, if any Sha	ron R. Nahill		
Inventor's Signature	hason K. Mah	11	
Residence: City	State	Country	Citizenship
Belmont	Massachusetts	USA	USA
Mailing Address (Business			
Street or P.O. Box 21 1	incent Avenue		
City	_	*	
	State	ZIP	Country
Belmont	State Massachusetts	02478	Country USA

Full name of fifth joint inventor, if any	John M. Williams		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Busin Street or P.O. Box			
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
		•	· · · · · · · · · · · · · · · · · · ·
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature		· · ·	
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA .
Mailing Address (Busin Street or P.O. Box	ness or Residential) 987 Memorial Drive, #572		
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
			· · · · · · · · · · · · · · · · · · ·
Full name of seventh joint inventor, if any	Andrew Janjigian		
Inventor's Signature	. ·		····
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busin Street or P.O. Box	ness or Residential) 33 Lawrence Street, #2		
City	State	ZIP	Country
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DOCKET NO. 2478.1002-016

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	<u>Pr</u>	ior Foreign Application(s)	Prior No Clair	Certifie Copy Fil YES		Filed	17	
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Full name of sole or first inventor S	cott F. Sneddon		
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Salem	Massachusetts	01970	USA
Full name of second joint inventor, if any Jo	ohn L. Kane		
Inventor's Signature	·	· · · · · · · · · · · · · · · · · · ·	
Residence: City	State	Country	Citizenship
Maynard	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 10	ss or Residential) O'Moore Avenue		
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Maynard	Massachusetts	01754	USA
Full name of third joint inventor, if any Fr	ed Vinick		
Inventor's Signature			
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Mailing Address (Busines Street or P.O. Box 5	s or Residential) Litchfield Road		
City	State	ZIP	Country
Lexington	Massachusetts	02420	USA
	·		
• • •	aron R. Nahill		
Inventor's Signature	O4-4-		
Residence: City	State	Country	Citizenship
Belmont	Massachusetts	USA	USA
	Vincent Avenue		
City	State	ZIP .	Country
Belmont	Massachusetts	02478	USA
		•	·

Full name of fifth joint inventor, if any Jo	ohn M. Williams					
Inventor's Signature	John M. William	~				
Residence: City	State	Country	Citizenship			
Hopkinton	Massachusetts USA USA					
Mailing Address (Business or Residential) Street or P.O. Box 8 Stonegate Road						
. City	State ZIP Country					
Hopkinton	Massachusens	01748	USA			
Full name of sixth joint inventor, if any H	ans-Peter Biemann					
Inventor's Signature		<u> </u>	·			
Residence: City	State	Country	Citizenship			
Cambridge	Massachusens	USA	USA			
Mailing Address (Busines Street or P.O. Box 98	s or Residential) 17 Memorial Drive, #572					
City	State	ZIP	Country			
Cambridge	Massachusetts	. 02138	USA			
Full name of seventh oint inventor, if any Ar inventor's Signature	ndrew Janjigian					
oint inventor, if any Ar	ndrew Janjigian State	Country	Citizenshi			
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oint inventor, if any Ar nventor's Signature Residence: City Cambridge Asiling Address (Busines	State Massachusetts a or Residential)		 			

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DOCKET NO. 2478.1002-016

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Full name of sole or first inventor	Scott F. Sneddon		
Inventor's Signature	Scott F. Sheddon		
Residence: City	State	Country	Citizenship
Salem	Massachusetts	USA	USA
Mailing Address (Bus	iness or Residential)		
Street or P.O. Box	38 Washington Square South State	ZIP	Country
City Salem	Massachusetts	01970	USA
Salem	iviassaciiusetis	01370	
Full name of second joint inventor, if any	John L. Kane		
Inventor's Signature	0.4	Commen	Citizenship .
Residence: City	State	Country USA	USA
Maynard	Massachusetts	l USA	1 USA
Mailing Address (Bus Street or P.O. Box			
City	State	ZIP	Country
Maynard	Massachusetts	01754	USA
Full name of third joint inventor, if any	Fred Vinick		
Inventor's Signature		0	Cieili-
Residence: City	State	Country	Citizenship USA
Lexington	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	5 Litchfield Road		
City	State	ZIP	Country
Lexington	Massachusetts	02420	USA
	·	·	
Full name of fourth joint inventor, if any	Sharon R. Nahili		
Inventor's Signature	Ctata	Country	Citizenship
Residence: City Belmont	State Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box		USA	1 000
City	State	ZIP	Country
Belmont	Massachusetts	02478	USA

full name of Afth oint inventor, if any Joh	n M. Williams		
nventor's Signature	<u> </u>		
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
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nventor's Signature Residence: City	State	Country	Citizenship
ull name of sixth oint inventor, if any Har		•	
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Cambridge	Massachusetta	USA	USA
failing Address (Business reet or P.O. Box987	or Residential) Memorial Drive, #572	·	<u> </u>
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
full name of seventh Dint inventor, if any And	lrow Janjigian		
Residence: City	Thate	Country	Citizenship
Cambridge	Massachusens	USA	USA
lailing Address (Business treet or P.O. Box 33 I	or Residential) Luwrence Street, #2		
City	State	ZIP	Country

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37 C.F.R. § 1.48(a)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to add Andrew Janjigian as inventor under 37 C.F.R. § 1.48(a).

Enclosed herewith are the following documents: Statement under 37 CFR §1.48(a)(2) by Andrew Janjigian; an executed Declaration by the actual inventors as required by §1.63; Written Consent of the Assignee to the inventorship change with Statement under §3.73(b); and a check in the amount of \$130.00 in payment of the processing fee as set forth in §1.17(i).

With such amendments, Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams, Hans-Peter Biemann and Andrew Janjigian are the joint inventors of the subject application.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Steven G. Davis

Registration No.: 39,652 Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

November 17-200. Date: